

ABSTRACT

The invention concerns a process for purification of an acidic monomer having a
5 double bond, as well as a device for synthesis of an acidic monomer having a double bond, a
process for producing an acidic monomer having a double bond, an acid monomer having a
double bond and obtainable by this process, fibres, formed bodies, films, foams,
superabsorbent polymers and other special polymers based on or containing this acidic
monomer, the use of this acidic monomer in or for producing fibres, formed bodies, films,
10 foams, superabsorbent polymers or other special polymers.